**BIBILOGRAPHY**

**7. BIBLIOGRAPHY**

**Appendix – A**

**URL Listing**

|  |  |
| --- | --- |
| **Websites** | **Data Collected** |
| [https://wikipedia.org](https://wikipedia.org/) | Searching of any information that will be used in documentation. |
| <https://dev.sqlserver.com/doc> | SQL server it performing in mainly depending on the one of the database using. |
| [https://www.answers.com](https://www.answers.com/) | Answers.com, online dictionary, encyclopedia and much more. |
| [https://google.co.in](https://google.co.in/) | Any information searching and downloading. |
| [https://training-classes.com](https://training-classes.com/) | Designing part information as gathered |

**Reference Books**

[1] K. Graves, Ceh: Official certified ethical hacker review guide: Exam 312-50. John Wiley & Sons, 2007.

[2] R. Christopher, “Port scanning techniques and the defense against them,” SANS Institute, 2001.

[3] M. Baykara, R. Das ̧, and I. Karado ̆gan, “Bilgi g ̈uvenli ̆gi sistemlerinde kullanilan arac ̧larin incelenmesi,” in 1st International Symposium on Digital Forensics and Security (ISDFS13), 2013, pp. 231–239.

[4]RashmiT V. “Predicting the System Failures Using Machine Learning Algorithms”.International Journal of Advanced Scientific Innovation, vol. 1, no. 1, Dec. 2020, doi:10.5281/zenodo.4641686.

[5] S. Robertson, E. V. Siegel, M. Miller, and S. J. Stolfo, “Surveillance detection in high bandwidth environments,” in DARPA Information Survivability Conference and Exposition, 2003. Proceedings, vol. 1. IEEE, 2003, pp. 130–138.

[6] K. Ibrahimi and M. Ouaddane, “Management of intrusion detection systems based-kdd99: Analysis with lda and pca,” in Wireless Networks and Mobile Communications (WINCOM), 2017 International Conference on. IEEE, 2017, pp. 1–6.

[7] Girish L, Rao SKN (2020) “Quantifying sensitivity and performance degradation of virtual machines using machine learning.”,Journal of Computational and Theoretical Nanoscience, Volume 17, Numbers 9-10, September/October 2020, pp.4055-4060(6) <https://doi.org/10.1166/jctn.2020.9019>

.[8] L. Sun, T. Anthony, H. Z. Xia, J. Chen, X. Huang, and Y. Zhang, “Detection and classification of malicious patterns in network traffic using benford’s law,” in Asia-Pacific Signal and Information Processing Association Annual Summit and Conference (APSIPA ASC), 2017. IEEE, 2017, pp. 864–872.

[9] S. M. Almansob and S. S. Lomte, “Addressing challenges for intrusion detection system using naive bayes and pca algorithm,” in Convergence in Technology (I2CT), 2017 2nd International Conference for. IEEE, 2017, pp. 565–568

**APPENDIX – A**

* **URL LISTING**
  + www.google.co.in
  + www.java.org
  + www.w3schools.com
  + www.javatutorial.com
* **REFERENCES**
* Java Crash Course 2nd Edition - this is a basic level book for beginners.
* Learning java 5th Edition - this book is a practical learning book for basic to advanced level.
* Java Cookbook - this book for advanced programmer interested in learning about modern java development tools.
* Automating Boring Stuff With Java - In this book you will learn to write programs in java.
* Head First Java - this book covered the fundamental of java.
* Think Java - the basics of programming concepts and cover advanced topics like data structure and object-oriented design.
* **APPENDIX – B**

**GLOSSARY**

* + GUI : Graphical User Interface
  + UML : Unified Modeling Language
  + API : Application Programming Interface
  + HTML : Hyper Text Markup Language
  + URL : Uniform Resource Locator
  + ODBC : Open Database Connection
* **APPENDIX – C**

**List of Figures**

|  |  |  |  |  |
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| **S. No** | **Fig No.** | **Description** | **Page No.** | **Chapter** |
| 1 | 2.2.1 | System Architecture | 9 | SRS |
| 2 | 2.7.1 | Requirements Gathering Stage | 16 | SRS |
| 3 | 2.7.2 | Analysis Stage | 17 | SRS |
| 4 | 2.7.3 | Designing Stage | 18 | SRS |
| 5 | 2.7.4 | Development Stage | 19 | SRS |
| 6 | 2.7.5 | Waterfall Model | 21 | SRS |
| 7 | 3.1.1 | ER Diagram for Overall System | 25 | System Design |
| 8 | 3.3.1 | Use Case Diagram for Overall System | 37 | System Design |
| 9 | 3.3.2 | Class Diagram for Overall System | 39 | System Design |
| 10 | 3.3.3 | Sequence Diagram for Overall System | 40 | System Design |
| 11 | 3.3.4 | Activity Diagram for Overall System | 42 | System Design |
| 12 | 3.3.5 | Deployment Diagram for Overall System | 43 | System Design |
| 13 | 4.0.1 | Levels of Testing | 44 | Testing |
| 14 | 4.0.2 | Testing Approaches | 47 | Testing |
| 15 | 5.0.1 | Working of Java Program | 55 | Implementation |
| 16 | 5.0.2 | Implementation of JVM | 56 | Implementation |
| 17 | 5.0.3 | Program Running on the Java Platform | 57 | Implementation |

* **List of Tables**

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| **S. No** | **Table No.** | **Description** | **Page No.** | **Chapter** |
| 1 | 3.2.1 | Data Owner | 26 | System Design |
| 2 | 3.2.2 | Cloud Server | 26 | System Design |
| 3 | 4.2.1 | Test Cases for Overall System | 52 | Testing |

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| --- | --- | --- | --- | --- |
| **S. No.** | **Screen No.** | **Screen Name** | **Page No.** | **Chapter** |
| 1 | 5.0.1 | Properties Wizard | 58 | Implementation |
| 2 | 5.0.2 | Path Setting for Java | 59 | Implementation |
| 3 | 5.0.3 | Welcome Page of tomcat | 59 | Implementation |
| 4 | 5.0.4 | Tomcat Configuration Options Page | 60 | Implementation |
| 5 | 5.0.5 | Tomcat License Agreement | 60 | Implementation |
| 6 | 5.0.6 | Welcome Wizard of MySQL | 61 | Implementation |
| 7 | 5.0.7 | SQL Setup Wizard | 61 | Implementation |
| 8 | 5.0.8 | Database Configuration Engine | 62 | Implementation |
| 9 | 5.1.1 |  | 63 | Implementation |
| 10 | 5.1.2 |  | 64 | Implementation |
| 11 | 5.1.3 |  | 65 | Implementation |
| 12 | 5.1.4 |  | 66 | Implementation |
| 13 | 5.1.5 |  | 67 | Implementation |
| 14 | 5.1.6 |  | 68 | Implementation |
| 15 | 5.1.7 |  | 69 | Implementation |
| 16 | 5.1.8 |  | 70 | Implementation |
| 17 | 5.1.9 |  | 71 | Implementation |
| 18 | 5.1.10 |  | 72 | Implementation |
| 19 | 5.1.11 |  | 73 | Implementation |
| 20 | 5.1.12 |  | 74 | Implementation |
| 21 | 5.1.13 |  | 75 | Implementation |
| 22 | 5.1.14 |  | 76 | Implementation |
| 23 | 5.1.15 |  | 77 | Implementation |
| 24 | 5.1.16 |  | 78 | Implementation |
| 25 | 5.1.17 |  | 79 | Implementation |
| 26 | 5.1.18 |  | 80 | Implementation |

**APPENDIX – D**

* **Coding**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<%@page import="java.util.\*"%>

<%@ include file="connect.jsp"%>

<%@page

import="java.util.\*,java.security.Key,java.util.Random,javax.crypto.Cipher,javax.crypto.spec.SecretKeySpec,org.bouncycastle.util.encoders.Base64"%>

<%@ page

import="java.sql.\*,java.util.Random,java.io.PrintStream,java.io.FileOutputStream,java.io.FileInputStream,java.security.DigestInputStream,java.math.BigInteger,java.security.MessageDigest,java.io.BufferedInputStream"%>

<%@ page

import="java.security.Key,java.security.KeyPair,java.security.KeyPairGenerator,javax.crypto.Cipher"%>

<%@page

import="java.util.\*,java.text.SimpleDateFormat,java.util.Date,java.io.FileInputStream,java.io.FileOutputStream,java.io.PrintStream"%>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head>

<title>Omext | Support</title>

<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />

<link href="css/style.css" rel="stylesheet" type="text/css" />

<link rel="stylesheet" type="text/css" href="css/coin-slider.css" />

<script type="text/javascript" src="js/cufon-yui.js"></script>

<script type="text/javascript" src="js/droid\_sans\_400-droid\_sans\_700.font.js"></script>

<script type="text/javascript" src="js/jquery-1.4.2.min.js"></script>

<script type="text/javascript" src="js/script.js"></script>

<script type="text/javascript" src="js/coin-slider.min.js"></script>

<script type='text/javascript'>

function saveTextAsFile()

{

var textToWrite = document.getElementById("textarea").value;

var textFileAsBlob = new Blob([textToWrite], {type:'text/plain'});

var fileNameToSaveAs = "File.txt";

var downloadLink = document.createElement("a");

downloadLink.download = fileNameToSaveAs;

downloadLink.innerHTML = "Download File";

if (window.webkitURL != null)

{

// Chrome allows the link to be clicked

// without actually adding it to the DOM.

downloadLink.href = window.webkitURL.createObjectURL(textFileAsBlob);

}

else

{

// Firefox requires the link to be added to the DOM

// before it can be clicked.

downloadLink.href = window.URL.createObjectURL(textFileAsBlob);

downloadLink.onclick = destroyClickedElement;

downloadLink.style.display = "none";

document.body.appendChild(downloadLink);

}

downloadLink.click();

}

function destroyClickedElement(event)

{

document.body.removeChild(event.target);

}

</script>

</head>

<body>

<div class="main">

<div class="header">

<div class="header\_resize">

<div class="menu\_nav">

<ul>

<li><a href="index.html"><span>Home Page</span></a></li>

<li ><a href="DataOwner.html"><span>Data Owner</span></a></li>

<li class="active"><a href="EndUser.html">End User </a></li>

<li><a href="CloudServer.html"><span>Cloud

Server</span></a></li>

<li><a href="tpa.html"><span>Third Party Arbitrator</span></a></li>

</ul>

</div>

<div class="logo">

<h1><a href="index.html"><span> </span> <small>Rapid Fast Public Audits and Dynamic Data Handling in Cloud Environments</small></a></h1>

</div>

<div class="clr"></div>

<div class="slider">

<div id="coin-slider"> <a href="#"><img src="images/slide1.jpg" width="940" height="336" alt="" /> </a> <a href="#"><img src="images/slide2.jpg" width="940" height="336" alt="" /> </a> <a href="#"><img src="images/slide3.jpg" width="940" height="336" alt="" /> </a> </div>

<div class="clr"></div>

</div>

<div class="clr"></div>

</div>

</div>

<div class="content">

<div class="content\_resize">

<div class="mainbar">

<div class="article">

<h5 align="right">1<%=new java.util.Date()%></h5>

<%

try {

String file = request.getParameter("t1");

String cloud = request.getParameter("cloud");

String mac = request.getParameter("t12");

String sk = request.getParameter("t13");

application.setAttribute("file2", file);

application.setAttribute("sk2", sk);

String strQuery = "select \* from selcsp\_cloudserver where fname='"

+ file

+ "' and cname='"

+ cloud

+ "' and mac='"

+ mac

+ "' and sk='" + sk + "'";

String strQuery1 = "select \* from selcsp\_cloudserver where fname='"

+ file + "'";

ResultSet rs = connection.createStatement().executeQuery(

strQuery);

{

if (rs.next() == true) {

ResultSet rs1 = connection.createStatement()

.executeQuery(strQuery1);

{

if (rs1.next() == true) {

String rank = rs1.getString(7);

// int r=Integer.parseInt(rank);

%>

<%

int updaterank = Integer.parseInt(rank)+ 1;

%>

<%

String strQuery2 = "update selcsp\_cloudserver set rank='"

+ updaterank

+ "' where fname='"

+ file+ "' and cname='"+cloud+"' ";

%>

<%

connection.createStatement().executeUpdate(

strQuery2);

%>

<%

String ct = rs.getString(3);

String keys = "ef50a0ef2c3e3a5f";

byte[] keyValue1 = keys.getBytes();

Key key1 = new SecretKeySpec(keyValue1, "AES");

Cipher c1 = Cipher.getInstance("AES");

c1.init(Cipher.DECRYPT\_MODE, key1);

String decryptedValue = new String(Base64

.decode(ct.getBytes()));

%>

</p>

<p align="center" class="style1">File Contents</p>

<label>

<div align="center">

<textarea name="text" id="textarea" cols="45" rows="17"><%=decryptedValue%></textarea>

<br/>

<br/>

<td><button onClick="saveTextAsFile()">Download</button></td>

</div>

</label>

<p align="center">&nbsp; </p>

<p>

<%

} else {

%>

</p>

<p>

<h1 class="style1">File Doesn't Exist !!!</h1>

</p><br />

<p><a href="Download.jsp">Back</a></p>

<%

}

}

} else {

SimpleDateFormat sdfDate = new SimpleDateFormat(

"dd/MM/yyyy");

SimpleDateFormat sdfTime = new SimpleDateFormat(

"HH:mm:ss");

Date now = new Date();

String strDate = sdfDate.format(now);

String strTime = sdfTime.format(now);

String dt = strDate + " " + strTime;

String user = (String) application

.getAttribute("uname");

String type="Wrong Credentials";

String strQuery2 = "insert into selcsp\_attacker(user,fname,cname,sk,type,dt) values('"

+ user

+ "','"

+ file

+ "','"+cloud+"','"

+ sk

+ "','"+type+"','"

+ dt

+ "')";

connection.createStatement().executeUpdate(strQuery2);

%>

</p>

<p>

<h1 class="style1">Trapdoor / Secret Key Mismatch !!!</h1>

</p><br />

<p><a href="Download.jsp">Back</a></p>

<%

}

}

connection.close();

} catch (Exception e) {

out.println(e.getMessage());

}

%>

</div>

</div>

<div class="sidebar">

<div class="searchform">

<form id="formsearch" name="formsearch" method="post" action="#">

<span>

<input name="editbox\_search" class="editbox\_search" id="editbox\_search" maxlength="80" value="Search our ste:" type="text" />

</span>

<input name="button\_search" src="images/search.jpg" class="button\_search" type="image" />

</form>

</div>

<div class="clr"></div>

<div class="gadget">

<h2 class="star"><span>User Menu </span></h2>

<div class="clr"></div>

<ul class="sb\_menu">

<li><a href="ReqFile.jsp">Request File </a></li>

<li><a href="DownloadFile.jsp">Download File</a></li>

<li><a href="SendFeedback.jsp">Send Feedback </a></li>

<li><a href="index.html">Log Out </a></li>

</ul>

</div>

<div class="gadget">

<h2 class="star"><span>User </span></h2>

<div class="clr"></div>

<ul class="ex\_menu">

<li><a href="FindReputation.jsp">Find Reputation </li>

<li><a href="ViewReview.jsp">View Review</li>

<li><a href="viewRecomendation.jsp">View Recomendations </li>

</ul>

</div>

</div>

<div class="clr"></div>

</div>

</div>

<div class="fbg">

<div class="fbg\_resize">

<div class="col c1">

<h2><span>Image</span> Gallery</h2>

<a href="#"><img src="images/gal1.jpg" width="75" height="75" alt="" class="gal" /></a> <a href="#"><img src="images/gal2.jpg" width="75" height="75" alt="" class="gal" /></a> <a href="#"><img src="images/gal3.jpg" width="75" height="75" alt="" class="gal" /></a> <a href="#"><img src="images/gal4.jpg" width="75" height="75" alt="" class="gal" /></a> <a href="#"><img src="images/gal5.jpg" width="75" height="75" alt="" class="gal" /></a> <a href="#"><img src="images/gal6.jpg" width="75" height="75" alt="" class="gal" /></a> </div>

<div class="col c2">

<h2><span>Trustworthiness</span></h2>

<p>

Trustworthiness is computed from ratings obtained through either direct interaction or feedback. Competence is estimated from the transparency of

SLA guarantees.

Trust and reputation are important concepts in Internetbased applications.</p>

</div>

<div class="col c3">

<h2><span>Reputation</h2>

<p>Reputation system has been classified into two types : centralized and distributed depending on the site of computation. In centralized type, a central authority (reputation center) collects all the ratings, computes a reputation score for every participant</p>

</div>

<div class="clr"></div>

</div>

</div>

<div class="footer">

<div class="footer\_resize">

<div style="clear:both;"></div>

</div>

</div>

</div>

</body>

</html>

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<%@page import="java.util.\*"%>

<%@ include file="connect.jsp"%>

<%@page

import="java.util.\*,java.security.Key,java.util.Random,javax.crypto.Cipher,javax.crypto.spec.SecretKeySpec,org.bouncycastle.util.encoders.Base64"%>

<%@ page

import="java.sql.\*,java.util.Random,java.io.PrintStream,java.io.FileOutputStream,java.io.FileInputStream,java.security.DigestInputStream,java.math.BigInteger,java.security.MessageDigest,java.io.BufferedInputStream"%>

<%@ page

import="java.security.Key,java.security.KeyPair,java.security.KeyPairGenerator,javax.crypto.Cipher"%>

<%@page

import="java.util.\*,java.text.SimpleDateFormat,java.util.Date,java.io.FileInputStream,java.io.FileOutputStream,java.io.PrintStream"%>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head>

<title>Rapid Fast Public Audits and Dynamic Data Handling in Cloud Environments|</title>

<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />

<link href="css/style.css" rel="stylesheet" type="text/css" />

<link rel="stylesheet" type="text/css" href="css/coin-slider.css" />

<script type="text/javascript" src="js/cufon-yui.js"></script>

<script type="text/javascript" src="js/droid\_sans\_400-droid\_sans\_700.font.js"></script>

<script type="text/javascript" src="js/jquery-1.4.2.min.js"></script>

<script type="text/javascript" src="js/script.js"></script>

<script type="text/javascript" src="js/coin-slider.min.js"></script>

<script language="javascript" type='text/javascript'>

function loadFileAsText()

{

var fileToLoad = document.getElementById("file").files[0];

var fileReader = new FileReader();

fileReader.onload = function(fileLoadedEvent)

{

var textFromFileLoaded = fileLoadedEvent.target.result;

document.getElementById("textarea").value = textFromFileLoaded;

};

fileReader.readAsText(fileToLoad, "UTF-8");

}

</script>

</head>

<body>

<div class="main">

<div class="header">

<div class="header\_resize">

<div class="menu\_nav">

<ul>

<li><a href="index.html"><span>Home Page</span></a></li>

<li class="active"><a href="DataOwner.html"><span>Data Owner</span></a></li>

<li><a href="EndUser.html">End User </a></li>

<li><a href="blog.html"><span>Cloud Server</span></a></li>

<li><a href="tpa.html"><span>Third Party Arbitrator</span></a></li>

</ul>

</div>

<div class="logo">

<h1><a href="index.html"><span> </span> <small>Rapid Fast Public Audits and Dynamic Data Handling in Cloud Environments</small></a></h1>

</div>

<div class="clr"></div>

<div class="slider">

<div id="coin-slider"> <a href="#"><img src="images/slide1.jpg" width="940" height="336" alt="" /> </a> <a href="#"><img src="images/slide2.jpg" width="940" height="336" alt="" /> </a> <a href="#"><img src="images/slide3.jpg" width="940" height="336" alt="" /> </a> </div>

<div class="clr"></div>

</div>

<div class="clr"></div>

</div>

</div>

<div class="content">

<div class="content\_resize">

<div class="mainbar">

<div class="article">

<h5 align="right"><%=new java.util.Date()%></h5>

<h1 align="center"><b> Trust Worthiness of Cloud</b> </h1>

<p>&nbsp;</p>

<table width="235" border="1" align="center">

<tr>

<td width="200" height="32"><div align="center"><span class="style3">No. of Reputed Users </span></div></td>

<td width="200" height="32"><div align="center"><span class="style3">No. of Mallicious Data Attackers </span></div></td>

<td width="200" height="32"><div align="center"><span class="style3">No. of Wrong Credential Attackers </span></div></td>

</tr>

<%

String name=(String)application.getAttribute("name");

try

{

String repcl=request.getParameter("rep");

String repu,att,atta;

application.setAttribute("reput",repcl);

Statement st=connection.createStatement();

String strQuery2 = "select count(cname) as reputation from selcsp\_cloudserver where cname='"+repcl+"'";

connection.createStatement();

ResultSet rss = st.executeQuery(strQuery2);

if (rss.next()) {

repu = rss.getString("reputation");//id

Statement st2=connection.createStatement();

String mattack="Malicious Data Attack";

String wattack="Wrong Credentials";

String strQuery23 = "select count(type) as noatt from selcsp\_attacker where cname='"+repcl+"' and type='"+mattack+"'";

connection.createStatement();

ResultSet rs = st2.executeQuery(strQuery23);

if (rs.next()) {

att = rs.getString("noatt");//id

Statement st22=connection.createStatement();

String strQuery233 = "select count(type) as noatta from selcsp\_attacker where cname='"+repcl+"' and type='"+wattack+"'";

connection.createStatement();

ResultSet rs2= st22.executeQuery(strQuery233);

if (rs2.next()) {

atta = rs2.getString("noatta");//id

%>

<tr>

<td width="200" height="29"><div align="center"><%=repu%></div></td>

<td width="200" height="29"><div align="center"><%=att%></div></td>

<td width="200" height="29"><div align="center"><%=atta%></div></td>

</tr>

<%

}

}

}

connection.close();

}

catch(Exception e)

{

out.println(e.getMessage());

}

%>

</table></p>

<p>&nbsp;</p>

<p>&nbsp;</p>

<p > <a href="DataOwnerMain.js">BACK</a></p>

<p>&nbsp;</p>

<p>&nbsp;</p>

</div>

</div>

<div class="sidebar">

<div class="searchform">

<form id="formsearch" name="formsearch" method="post" action="#">

<span>

<input name="editbox\_search" class="editbox\_search" id="editbox\_search" maxlength="80" value="Search our ste:" type="text" />

</span>

<input name="button\_search" src="images/search.jpg" class="button\_search" type="image" />

</form>

</div>

<div class="clr"></div>

<div class="gadget">

<h2 class="star"><span>Owner Menu </span></h2>

<div class="clr"></div>

<ul class="sb\_menu">

<li><a href="Upload.jsp">Upload Data </a></li>

<li><a href="VerifyFiles.jsp">Verify File </a></li>

<li><a href="DeleteFiles.jsp">Delete Files </a></li>

<li><a href="ViewCloudFiles.jsp">View Cloud Files </a></li>

<li><a href="ViewReview.jsp">View Review </a></li>

<li><a href="viewRecomendation.jsp">View Recomendation </a></li>

<li><a href="index.html">Log Out</a></li>

</ul>

</div>

<div class="gadget">

<h2 class="star"><span>Cloud Providers </span></h2>

<div class="clr"></div>

<ul class="ex\_menu">

<li><a href="FindTrust.jsp">Find TrustWorthiness of Cloud </li>

<li><a href="FindReputation1.jsp">View Reputation </a></li>

<li><a href="sendReview.jsp">Send Review About Cloud Usage </li>

<li><a href="sendRecomendation.jsp">Recomend the Cloud </li>

</ul>

</ul>

</div>

</div>

<div class="clr"></div>

</div>

</div>

<div class="fbg">

<div class="fbg\_resize">

<div class="col c1">

<h2><span>Image</span> Gallery</h2>

<a href="#"><img src="images/gal1.jpg" width="75" height="75" alt="" class="gal" /></a> <a href="#"><img src="images/gal2.jpg" width="75" height="75" alt="" class="gal" /></a> <a href="#"><img src="images/gal3.jpg" width="75" height="75" alt="" class="gal" /></a> <a href="#"><img src="images/gal4.jpg" width="75" height="75" alt="" class="gal" /></a> <a href="#"><img src="images/gal5.jpg" width="75" height="75" alt="" class="gal" /></a> <a href="#"><img src="images/gal6.jpg" width="75" height="75" alt="" class="gal" /></a> </div>

<div class="col c2">

<h2><span>Services</span> Overview</h2>

<p>Curabitur sed urna id nunc pulvinar semper. Nunc sit amet tortor sit amet lacus sagittis posuere cursus vitae nunc.Etiam venenatis, turpis at eleifend porta, nisl nulla bibendum justo.</p>

<ul class="fbg\_ul">

<li><a href="#">Lorem ipsum dolor labore et dolore.</a></li>

<li><a href="#">Excepteur officia deserunt.</a></li>

<li><a href="#">Integer tellus ipsum tempor sed.</a></li>

</ul>

</div>

<div class="col c3">

<h2><span>Contact</span> Us</h2>

<p>Nullam quam lorem, tristique non vestibulum nec, consectetur in risus. Aliquam a quam vel leo gravida gravida eu porttitor dui.</p>

<p class="contact\_info"> <span>Address:</span> 1458 TemplateAccess, USA<br />

<span>Telephone:</span> +123-1234-5678<br />

<span>FAX:</span> +458-4578<br />

<span>Others:</span> +301 - 0125 - 01258<br />

<span>E-mail:</span> <a href="#">mail@yoursitename.com</a> </p>

</div>

<div class="clr"></div>

</div>

</div>

<div class="footer">

<div class="footer\_resize">

<div style="clear:both;"></div>

</div>

</div>

</div>

</body>

</html>

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<%@page import="java.util.\*"%>

<%@ include file="connect.jsp"%>

<%@page

import="java.util.\*,java.security.Key,java.util.Random,javax.crypto.Cipher,javax.crypto.spec.SecretKeySpec,org.bouncycastle.util.encoders.Base64"%>

<%@ page

import="java.sql.\*,java.util.Random,java.io.PrintStream,java.io.FileOutputStream,java.io.FileInputStream,java.security.DigestInputStream,java.math.BigInteger,java.security.MessageDigest,java.io.BufferedInputStream"%>

<%@ page

import="java.security.Key,java.security.KeyPair,java.security.KeyPairGenerator,javax.crypto.Cipher"%>

<%@page

import="java.util.\*,java.text.SimpleDateFormat,java.util.Date,java.io.FileInputStream,java.io.FileOutputStream,java.io.PrintStream"%>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head>

<title>Rapid Fast Public Audits and Dynamic Data Handling in Cloud Environments|</title>

<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />

<link href="css/style.css" rel="stylesheet" type="text/css" />

<link rel="stylesheet" type="text/css" href="css/coin-slider.css" />

<script type="text/javascript" src="js/cufon-yui.js"></script>

<script type="text/javascript" src="js/droid\_sans\_400-droid\_sans\_700.font.js"></script>

<script type="text/javascript" src="js/jquery-1.4.2.min.js"></script>

<script type="text/javascript" src="js/script.js"></script>

<script type="text/javascript" src="js/coin-slider.min.js"></script>

<script language="javascript" type='text/javascript'>

function loadFileAsText()

{

var fileToLoad = document.getElementById("file").files[0];

var fileReader = new FileReader();

fileReader.onload = function(fileLoadedEvent)

{

var textFromFileLoaded = fileLoadedEvent.target.result;

document.getElementById("textarea").value = textFromFileLoaded;

};

fileReader.readAsText(fileToLoad, "UTF-8");

}

</script>

</head>

<body>

<div class="main">

<div class="header">

<div class="header\_resize">

<div class="menu\_nav">

<ul>

<li><a href="index.html"><span>Home Page</span></a></li>

<li ><a href="DataOwner.html"><span>Data Owner</span></a></li>

<li class="active"><a href="EndUser.html">End User </a></li>

<li><a href="CloudServer.html"><span>Cloud

Server</span></a></li>

<li><a href="tpa.html"><span>Third Party Arbitrator</span></a></li>

</ul>

</div>

<div class="logo">

<h1><a href="index.html"><span> </span> <small>Rapid Fast Public Audits and Dynamic Data Handling in Cloud Environments</small></a></h1>

</div>

<div class="clr"></div>

<div class="slider">

<div id="coin-slider"> <a href="#"><img src="images/slide1.jpg" width="940" height="336" alt="" /> </a> <a href="#"><img src="images/slide2.jpg" width="940" height="336" alt="" /> </a> <a href="#"><img src="images/slide3.jpg" width="940" height="336" alt="" /> </a> </div>

<div class="clr"></div>

</div>

<div class="clr"></div>

</div>

</div>

<div class="content">

<div class="content\_resize">

<div class="mainbar">

<div class="article">

<%

String a=(String)application.getAttribute("a");

String fn=(String)application.getAttribute("fname");

String fname = request.getParameter("fname");

String approve = "Approve";

String cl="CS1",fl="DataOwner.html";

String query1 = "select \* from selcsp\_request where fname='"

+ fn+ "' and req='" + approve

+ "'";

Statement st1 = connection.createStatement();

ResultSet rs1 = st1.executeQuery(query1);

if (rs1.next()) {

%>

<%

try

{

String file = request.getParameter("t1");

String cname = request.getParameter("cloud");

application.setAttribute("name",cname);

String mac="";

String sk="";

String strQuery = "select \* from selcsp\_cloudserver where fname='"+file+"' and cname='"+cname+"'";

ResultSet rs = connection.createStatement().executeQuery(strQuery);

{

if(rs.next()==true)

{

mac=rs.getString(5);

sk=rs.getString(6);

SimpleDateFormat sdfDate = new SimpleDateFormat(

"dd/MM/yyyy");

SimpleDateFormat sdfTime = new SimpleDateFormat(

"HH:mm:ss");

Date now = new Date();

String strDate = sdfDate.format(now);

String strTime = sdfTime.format(now);

String dt = strDate + " " + strTime;

String task="Download";

String user=(String) application.getAttribute("uname");

String strQuery2 = "insert into selcsp\_transaction(user,fname,cname,sk,task,dt) values('"+user+"','"+file+"','"+cname+"','"+sk+"','"+task+"','"+dt+"')";

connection.createStatement().executeUpdate(strQuery2);

%>

<form action="Download2.jsp" method="get" name="form1" id="form1">

<table width="478" border="0" align="center">

<tr>

<td width="223"><span class="style1">Enter File Name :-</span></td>

<td width="245"><label>

<input required name="t1" type="text" value="<%=file%>" size="40" />

</label></td>

</tr>

<tr>

<td width="223"><span class="style1">Select Cloud :-</span></td>

<td> <select id="s1" name="cloud" style="width:150px;" class="text">

<option><%= cname%></option>

</select></td>

</tr>

<tr>

<td height="34"><span class="style1">Trapdoor :-</span></td>

<td><input name="t12" type="text" value="<%=mac%>" size="40" /></td>

</tr>

<tr>

<td><span class="style1">Secret Key :-</span></td>

<td><input name="t13" type="text" value="<%=sk%>" size="40" /></td>

</tr>

<tr>

<td>&nbsp;</td>

<td>&nbsp;</td>

</tr>

<tr>

<td><div align="right"></div></td>

<td><label>

<input type="submit" name="Submit2" value="Download" />

</label></td>

</tr>

</table>

</form>

<%

}

else

{

out.println("File Doesn't Exist !!!");

%>

<p><a href="Download.jsp">Back</a></p>

<%

}

}

connection.close();

}

catch(Exception e)

{

out.println(e.getMessage());

}

%>

<%

} else {

%>

<p>

<h2>You Don't Have Permission To Download !!!</h2>

</p>

<br />

<p><a href="UserMain.jsp">Back</a></p>

<%

}

%>

</div>

</div>

<div class="sidebar">

<div class="searchform">

<form id="formsearch" name="formsearch" method="post" action="#">

<span>

<input name="editbox\_search" class="editbox\_search" id="editbox\_search" maxlength="80" value="Search our ste:" type="text" />

</span>

<input name="button\_search" src="images/search.jpg" class="button\_search" type="image" />

</form>

</div>

<div class="clr"></div>

<div class="gadget">

<h2 class="star"><span>User Menu </span></h2>

<div class="clr"></div>

<ul class="sb\_menu">

<li><a href="ReqFile.jsp">Request File </a></li>

<li><a href="DownloadFile.jsp">Download File</a></li>

<li><a href="SendFeedback.jsp">Send Feedback </a></li>

<li><a href="index.html">Log Out </a></li>

</ul>

</div>

<div class="gadget">

<h2 class="star"><span>User </span></h2>

<div class="clr"></div>

<ul class="ex\_menu">

<li><a href="FindReputation.jsp">Find Reputation </li>

<li><a href="ViewReview.jsp">View Review</li>

<li><a href="viewRecomendation.jsp">View Recomendations </li>

</ul>

</div>

</div>

<div class="clr"></div>

</div>

</div>

<div class="fbg">

<div class="fbg\_resize">

<div class="col c1">

<h2><span>Image</span> Gallery</h2>

<a href="#"><img src="images/gal1.jpg" width="75" height="75" alt="" class="gal" /></a> <a href="#"><img src="images/gal2.jpg" width="75" height="75" alt="" class="gal" /></a> <a href="#"><img src="images/gal3.jpg" width="75" height="75" alt="" class="gal" /></a> <a href="#"><img src="images/gal4.jpg" width="75" height="75" alt="" class="gal" /></a> <a href="#"><img src="images/gal5.jpg" width="75" height="75" alt="" class="gal" /></a> <a href="#"><img src="images/gal6.jpg" width="75" height="75" alt="" class="gal" /></a> </div>

<div class="col c2">

<h2><span>Trustworthiness</span></h2>

<p>

Trustworthiness is computed from ratings obtained through either direct interaction or feedback. Competence is estimated from the transparency of

SLA guarantees.

Trust and reputation are important concepts in Internetbased applications.</p>

</div>

<div class="col c3">

<h2><span>Reputation</h2>

<p>Reputation system has been classified into two types : centralized and distributed depending on the site of computation. In centralized type, a central authority (reputation center) collects all the ratings, computes a reputation score for every participant</p>

</div>

<div class="clr"></div>

</div>

</div>

<div class="footer">

<div class="footer\_resize">

<div style="clear:both;"></div>

</div>

</div>

</div>

</body>

</html>